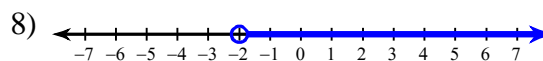
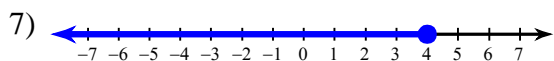
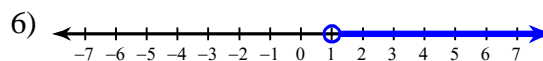
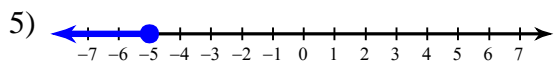
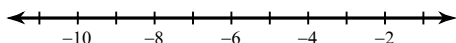


## Chapter 3 Quiz Review - 3.1-3.4

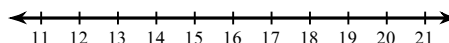
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**Write each as an algebraic expression.**1)  $w$  increased by 11 is less than or equal to 302) 5 less than  $y$  is greater than or equal to 403)  $k$  increased by 8 is greater than or equal to 194) the product of  $n$  and 9 is less than 24**Write an inequality for each graph.****Solve each inequality and graph its solution.**

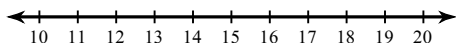
9)  $x + 20 \leq 16$



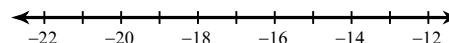
10)  $x - 9 \geq 4$



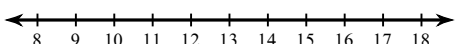
11)  $1 \geq k - 12$



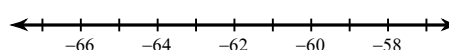
12)  $9 + n < -7$



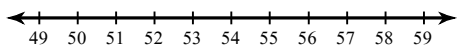
13)  $-144 > -12m$



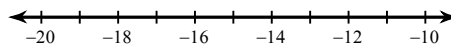
14)  $\frac{x}{4} > -16$



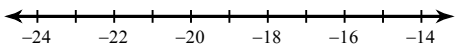
15)  $3 \geq \frac{p}{17}$



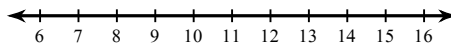
16)  $-16n > 272$



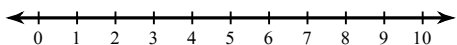
17)  $\frac{8+n}{6} > -2$



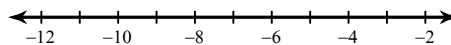
18)  $\frac{x-3}{10} \geq 1$



19)  $2 > -2 + \frac{r}{2}$



20)  $\frac{m}{4} - 6 \leq -7$



**Solve each inequality.**

21)  $35 + 4k > -2(-6k + 4) - 5$

22)  $-6(5b + 7) > 33 - 5b$

23)  $2x - 6(-1 + 4x) \leq 35 + 7x$

24)  $8x - 21 > -7(3 - 6x)$

25)  $-8n - 22 > -2(-3 + 8n) - 4$

26)  $-2(7v + 1) \leq -6v + 38$

27)  $19 + n \leq -3 + 8(n + 8)$

28)  $-6n + 12 \leq -3(n - 6)$